

INTRODUCING
PRICE'S NEW
THERMALLY
POWERED
VAV DIFFUSER...

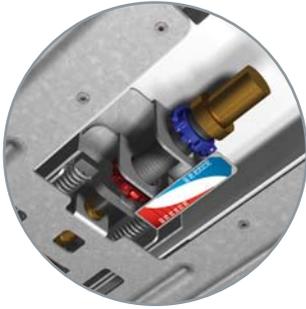
ACHIEVE PERSONAL COMFORT

The Price Varitherm® is the most advanced thermally powered VAV diffuser available in the industry today. Using thermal actuators, the Varitherm® provides superior occupant comfort and control by effectively regulating the supply of conditioned air to the space without the use of electric or pneumatic controls.

The Price Varitherm® is an excellent choice for local VAV applications such as offices, boardrooms, and small zones. The Varitherm® can also be used throughout a building as a primary VAV system.

THE PRICE VARITHERM® OFFERS:

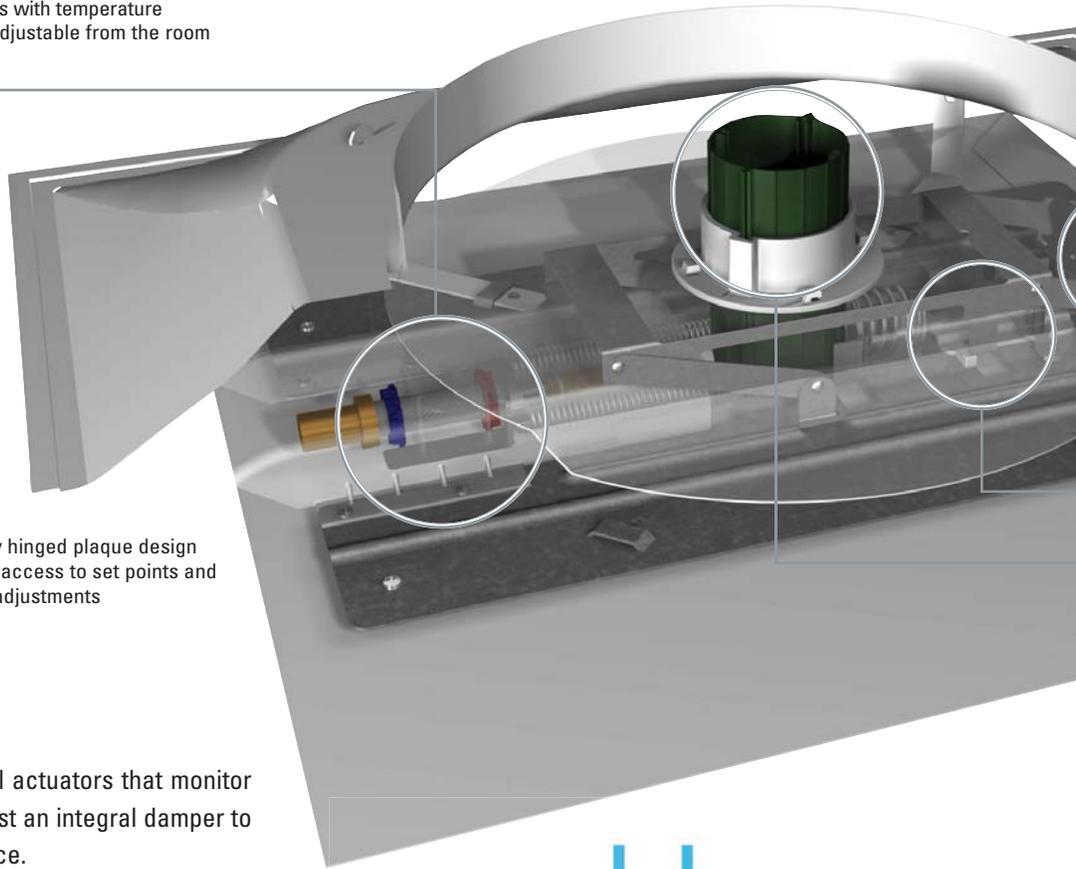
- ▶ Easy installation and operation
- ▶ Individual VAV zone control
- ▶ Room side access of all control adjustments
- ▶ Low pressure drop and quiet operation
- ▶ ARI certified data
- ▶ Heating and cooling, or cooling only models



Individual heating and cooling set points with temperature gauge, adjustable from the room



Securely hinged plaque design for easy access to set points and linkage adjustments



STAND-ALONE TECHNOLOGY

The Price Varitherm® uses built-in thermal actuators that monitor supply and room air temperature and adjust an integral damper to vary the flow of conditioned air to the space.

In heating mode, an increase in the room temperature beyond the room set point will cause the diffuser to decrease the amount of air delivered to the space, and a decrease in temperature beyond the room set point will cause a corresponding increase in air delivered to the space.

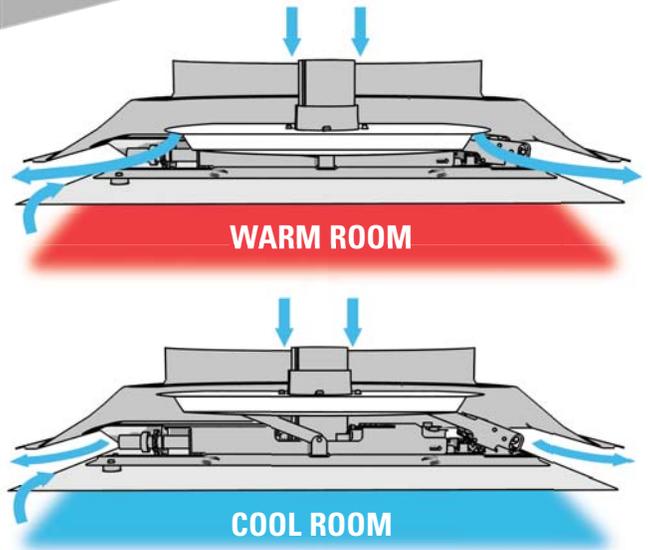
In cooling mode, air induced over the thermal actuators will cause the damper to close as the temperature in the zone decreases, reducing the amount of cool air to the space. A rise in the room temperature beyond the room set point will cause a corresponding increase of cool air to the space.

AUTOMATIC HEATING/COOLING CHANGEOVER

A specialized thermal actuator is placed directly in the path of the supply air. As the actuator reacts to the hot or cold temperatures, it locks the Varitherm® into heating or cooling mode.

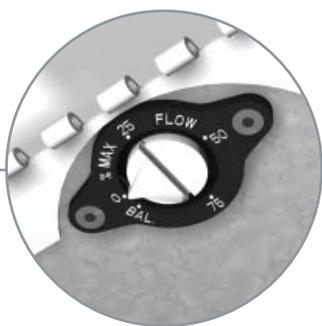
FLEXIBLE

If any diffuser layout changes are required, the Varitherm® has the flexibility to move from one location to another without reprogramming or the need to re-route cables.

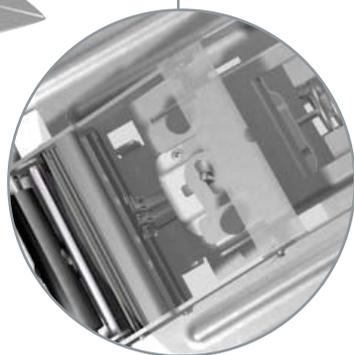


VARITHERM MODELS		
VPD-HC	Heating & Cooling	Individual Heating & Cooling Setpoints
VPD-C	Cooling Only	Cooling Setpoints

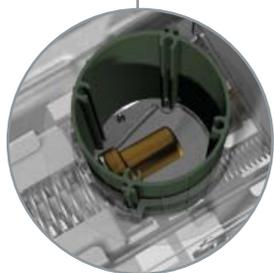
Easy
installation
and
balancing



Easily adjustable minimum airflow to satisfy ventilation requirements or enter balancing mode at the turn of a dial



Accurate linkage for exceptional performance over a variety of conditions



Auto heating-cooling changeover (VPD-HC only)

COST EFFECTIVE

The Varitherm® is a cost effective method to provide energy savings and increased thermal comfort through the creation of smaller zones. Traditional zoning strategies can fail to satisfy several occupants in a zone that supplies several offices. The Varitherm® excels at providing individual comfort by providing only the amount of warm or cool air to satisfy the local environment. This can lead to energy savings and provide occupants with a level of control previously only available with higher cost systems.

RELIABLE PERFORMANCE



Price has a reputation for cataloging consistent and accurate performance data for our entire product line. The performance of the Price Varitherm® is guaranteed by being ARI certified, a rarity for a thermally powered VAV diffuser.

RETROFIT

To help with trouble zones, the Varitherm® is also available as a retrofit for our popular SPD (square plaque diffuser) or SCD (square cone diffuser) found in buildings across the continent. The Varitherm® control module simply replaces the SPD or SCD core without the need to replace the backpan.

USER FRIENDLY

The Varitherm® is easy to install and use. Simply opening the plaque allows the user to make control adjustments. The plaque pivots securely on a solid hinge, and is held closed with a set of powerful magnets. Easy to read gauges let you know what your settings are; temperature is adjusted with the spin of a dial, and the minimum airflow setting is adjusted with the turn of a screw. The unit is also equipped with a forced-open mode to assist in system balancing. All guidelines are simple and easy to follow, and are written in a clear format on each unit. Optimal security fasteners mechanically lock the core into the back pan, where required by code.

OPTIMAL CONTROL

The Price Varitherm® VPD-HC senses when heating or cooling is required, and automatically adjusts itself to maintain control. To provide greater comfort year-round, the temperature set points for heating and cooling modes can be adjusted individually. With these features, this ARI certified diffuser responds to changes in heating/cooling demand with smooth and accurate transitions.

VARITHERM® FEATURES:

- ▶ Individual heating and cooling set points, adjustable from the room
- ▶ Easy installation and balancing
- ▶ Balancing/Force open mode
- ▶ Auto heating/cooling changeover (VPD-HC model only)
- ▶ Accurate linkage for exceptional performance in a variety of conditions
- ▶ Easy adjustable minimum airflow to satisfy ventilation requirements
- ▶ 10 Year Warranty